

Weather Event Simulator

Case Study

Originating Office	:	WFO Fort Worth/Dallas
Date of Case	:	15-16 June 2002
Contacts	:	Michael.Vescio@noaa.gov
Weather Event	:	Squall line with severe thunderstorms in northwest flow.
Learning Objectives	:	To practice preparation of the Hazardous Weather Outlook (Part 1) and issuing warnings and statements for two areas of the County Warning Area (Parts 2 and 3).
Available Data	:	All AWIPS radar data for KFWS and KDYX (15/2000 - 16/1000 UTC).
	:	AWIPS model guidance fields. (Eta and NGM from 15/1200 - 16/0000 UTC) (AVN abd MesoEta from from 16/0000 - 16/0600 UTC) (RUC from 16/0100 - 16/0900 UTC)
	:	All AWIPS satellite imagery (Regional scale).
	:	All AWIPS point data.
	:	All AWIPS redbook graphics.
Time Period of Data	:	1200 UTC June 15 - 1000 UTC June 16, 2002
Type of Simulation	:	Virtual reality simulation - self study.
Completion Time	:	Two hours (Part 1); two hours (Part 2); two hours (Part 3).
Additional Materials	:	Simulation Guide with map and table of reported severe weather.
Installation	:	Use the CaseInstaller.tcl script to install the case specifying one (1) CD, the appropriate directory (e.g., /data/awips) on the appropriate hard drive (e.g., /dev/sdb1). The case directory will be called 2002Jun16.
Special Instructions	:	You must convert the case data to the DRT format before starting this virtual reality simulation.
	:	The COMET WFO Fort Worth D2D localization is included in the case.